



Main

| | |
|-----------------------------------|---|
| Range of product | 9012G |
| Pressure sensor type | Electromechanical pressure switch |
| Pressure sensor name | 9012G |
| Pressure sensor size | 9000 psi |
| Maximum pressure | 25000 psi |
| Contacts type and composition | 2(NC-NO), DPDT-DB, Form ZZ, snap action, silver nickel contacts |
| Controlled fluid | Air Non-corrosive liquids Non-corrosive gas Hydraulic oil (-15...250 °F) |
| Fluid connection type | 0.44 inch 20 UNF-2B conforming to UL 508 |
| Pressure switch type of operation | Detection of 1 single threshold |
| Scale type | Fixed |
| Local display | Without |

Complementary

| | |
|--------------------------------------|--|
| Range on decreasing pressure | 270...9000 psi |
| Approx fix differential at mid range | 495 psi +/- 2.5 % full scale |
| Cable entry | 0.5 inch NPT conduit entrance |
| Terminal block type | 8 screw terminals |
| Electrical connection | Screw-clamp terminals, AWG 22...AWG 12 |
| Electrical circuit type | Control circuit |
| Local signalling | 1 neon (red) AC/DC at 120 V (voltage limits:105...125 V) |
| [In] rated current | 6 A (Ue = 120 V AC) 0.22 A (Ue = 125 V DC) |
| Setting | Internal |
| Enclosure material | Die cast aluminium alloy 380 |
| Pressure actuator | Piston |
| Height | 6.24 in |
| Depth | 2.63 in |
| Width | 3.5 in |
| Operating position | Any position |


Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|---------------------------------|--|
| Materials in contact with fluid | Teflon Viton fluorocarbon 440 stainless steel 303 stainless steel |
| Short-circuit protection | 10 A by gL (cartridge) overload and short-circuit protection |
| Operating rate | <= 120 cyc/mn |
| Mechanical durability | 3000000 cycles |
| Repeat accuracy | 4 % |
| Product weight | 3 lb(US) |

Environment

| | |
|---------------------------------------|---|
| Vibration resistance | 2 gn conforming to IEC 68-2-6 (f = 40...150 Hz) |
| Shock resistance | 50 gn conforming to IEC 58-2-27 |
| Standards | CE UL 508 CSA C22.2 No 14 |
| Product certifications | CE CSA LR25490 class 3211 03 UL listed file E12158 CCN NKPZ |
| NEMA degree of protection | NEMA 4/4X/13 conforming to UL 50 |
| Ambient air temperature for operation | -10...185 °F |

Offer Sustainability

| | |
|----------------------------------|--|
| RoHS (date code: YYWW) | Will not be compliant Will not be compliant |
| REACH | Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold |
| Product environmental profile | Available  Product Environmental Profile |
| Product end of life instructions | Available |

Contractual warranty

| | |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|